Information Services Board (ISB) Geographic Information Technology (GIT) Committee Update

Prepared by Jeff Holm, DIS, (360) 902-3447, jeffh@dis.wa.gov

Description
Briefing book update on enterprise architecture activities of the ISB Committee on GIT.

Committee Membership

Connie Michener (Chair), Acting Deputy Director, DIS
Honorable Glenn Anderson, House of Representatives
Carol Fleskes, Administrative & IT Director ECY
Vicki Lukas, Chief PNW Science Team, USGS
Frank Westrum, Chief Information Officer, DOH
Jeff Koenings, Director, WFDFW
Richard Ybarra, Assistant Secretary, WSDOT
Tim Lowenberg, Major General, MIL
Bonnie Bunning, Executive Director, DNR
Ian Von Essen, WAGIC Chair, Spokane County

GIT Enterprise Architecture (EA) Project
Since the May 12 update GIT Domain Team staff (list shown on next page) from nine state agencies have developed working drafts in preparation for community review in July and August. Most recent work includes additional definition in the following two architecture areas:

GIT EA Principles (working draft) will supplement the Washington EA program principles. These GIT focused principles will provide additional guidance for decision making about GIT architecture components. The principles address the following important considerations for a data-centric technology such as GIT:

1. **Spatial information and data is a valued investment and asset** – Spatial information can accelerate and improve decision-making, increase accountability, and improve services. Information must be shared to maximize effective decision-making across agencies, and with other government partners. The value of information is not realized if it is held in isolated pockets or "silos".

2. **Spatial Data and Information Stewardship** – Spatial data and information must be managed and maintained as a stewardship responsibility to support the mission of Washington State Government. Spatial data stewards will promote common business rules that span agency boundaries and facilitate sharing information, communication, and improved data integrity.

3. **Information Access** - Easy and timely access to data and information needs to be the rule rather than the exception. This needs to be accomplished without compromising security, confidentiality, and privacy. Productivity, decision-making, and customer service all benefit from easy, direct, and timely availability of information.

4. **Total Cost of Ownership** – The GIT domain will use a total cost of ownership (TCO) approach for Tier One decision-making. This will ensure that realistic estimates for costs and benefits become the foundation for enterprise GIT investment and funding decisions. The real costs of creating and maintaining multiple sets of redundant data become easier to identify and manage.

5. **Mainstream Technologies and Industry Standards** - GIT solutions will use industry proven and state-of-the-art mainstream technologies with emphasis given to those that comply with industry standards or open architecture principles.

6. **GIT Framework Data as Primary Source** - Certain fundamental data themes will have a particular dataset formally designated as the primary source of data for that specific data theme. This will allow agencies to focus limited resources on currency, quality, and accessibility. Multiple standalone versions of fundamental data themes may be an inappropriate use of scarce data management resources.

High-level Governance: Successful development and implementation of the GIT EA depends on establishing governance roles and responsibilities. The proposed governance relationships among the ISB, ISB/GIT, and ISB/EA committees are characterized by the following (see accompanying diagram).

1. EA decision-making authority ultimately resides with the Information Services Board.
2. ISB EA and GIT committees jointly recommend to ISB adoption of GIT EA.
    a. ISB EA ensures that proposed architectures are in compliance with EA principles and framework.
    b. ISB GIT committee ensures that proposed architecture supports GIT business needs.
3. Stakeholder communities have active roles in the development of the architecture and multiple ways to influence elements of proposed architecture.

What's Next: Phased release strategy for GIT EA components

- Business Drivers, Trends, and Principles – late June 2005
- Technology and Information Architectures – mid July 2005
- Business Architecture and Solutions Architecture – late July 2005
- Migration Strategy – mid August 2005
- Seek formal ISB/GIT and EA committee endorsement – late August 2005
- Seek formal ISB approval – September 2005

Next GIT Meeting: August 31, 2005 (proposed)

URL for Committee Web Site:
Under development

GIT EA Domain Team Members (* denotes team architects)

George Spencer *	**Marty Parson ***	**Stan Ditterline**
DOT - GIS Manager	DOR – GIS Manager	Military Department - CIO
Joy Paulus *	**Jeff Holm ***	**John Tooley**
IAC – Salmon & Watershed Information Management	DIS - ISB Staff	ECY – GIS Manager
Tim Young *	**Dave Wischer**	**Craig Erickson**
WDFW – GIS Manager	DNR - GIS Manager	DOH – GIS Lead